

Alexander Cohen

Full Stack Web Developer

Extensive experience creating, testing, and maintaining web applications. Passionate towards software architecture and design with a particular inclination to providing high quality solutions to businesses.



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🌐 alexcohen.dev

🐙 [Github](#)

🌐 [LinkedIn](#)

EXPERIENCE

Adaptive

📅 Nov 2020 - Current

📍 Montreal, QC

🔗 Java Spring, Kafka, Typescript React/Angular
Postgresql, Redis

- Collaborated with clients across several domains in the fields of pharmaceuticals and medicine as a part of an independent consulting team.
- Developed/maintained large real-time pharmaceutical web applications achieving high throughput using an event-driven microservices architecture.
- Developed frontend applications using React/NextJs framework while managing state using Redux.
- Redesigned large monolith applications into a microservice architecture.
- Transferred legacy systems into modern frameworks providing significant improvements in scalability/performance
- Furthermore reduced infrastructure costs by deploying applications from traditional mainframes to flexible cloud-based applications.
- Re-designed traditional monolith systems into a more scalable, performant microservice architecture.



TECHNICAL SKILLS

LANGUAGES

🔗 C++

☕ Java

TS Typescript

🐍 Python

FRAMEWORKS

Frontend

⚛️ React

🔴 Angular

Backend

🌿 Spring Boot

🟩 NodeJS

📦 Laravel

DATABASES

🐘 Postgres

🌿 MongoDB

📦 Redis

TECHNOLOGIES

🚢 Docker

🔴 Git

🚢 Kubernetes

📦 Bash

Full Stack Developer



Sept 2019 - Nov 2021



Montreal, QC



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PARADIGMS



REST



Event Sourcing



Microservices



CI/CD



SOFT SKILLS



Bilingual Eng/Fr



Excellent Team Player



Creative Problem Solver



Time Management



EDUCATION



Concordia University

BSc. Computer Science

Class of 2020

- Awardee, School Bursary

PROJECTS

MonoLink Music Project - Team Project

 [Github Repo](#)

 Typescript React, NodeJS, MongoDB

- Coordinated with team members to develop a front-end system
- for an enhanced user experience.
- Set up user authentication (Sign In/ Sign Up) system.
- Migrated password database to Firebase for enhanced security,
- as well as to simplify ease of use for data management.
- Set up routes for authentication, searching, filtering, etc.
- Extracted information from the provided URL to search the respective APIs.
- Worked alongside team members to develop front-end system.

Ecommerce Platform - Team Lead of 12


 [Github Repo](#)  [Trello](#)

 Typescript React, NodeJS, MongoDB

- Coordinated with team members to plan, develop, test and present the platform.
- Established development teams and assigned members to individual teams based on aptitudes/skills and personalities.
- Provided structure to the development process using Agile workflow.
- Spearheaded weekly meetings with teams to monitor progress, as well as help resolve any issues during the development process.
- Assisted members in facing challenges during development by coordinating work tasks for each team
- managing conflicting workflows, and providing solutions to any technical problems.

PARADIGMS


 REST


 Event Sourcing


 Microservices


 CI/CD

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- Ensuring deadlines for project goals are met in a timely matter on an individual basis.
- Monitoring team member progress to assist in meeting project goals.
- Implemented project monitoring using Trello work process.